***Prompts to think about for RECONSTRUCTION and RESTORATION of fossil***

1. Reassemble the 10 bones into a skeletal form you think the creature originally had. This is called **RECONSTRUCTION**.
2. Outline the skeleton to make the “skin” or the outside of the creature.
3. Once you have the outline, draw in a corner of this poster how this animal would have looked eating. This is called **RESTORATION.**
4. In your document, answer the following:
5. The bones of this creature were hollow and the skull had several large holes that made it lightweight. What do these characteristics suggest about this animal?
6. What pieces of evidence give you clues about how this creature caught food, held and ate it’s food?
7. What evidence indicates the kind of food this creature ate?
8. How do you think this creature moved – two legs, four legs, avian, aquatic? Support your answer with body structure evidence.
9. This fossil was found in limestone that formed in a warm sea-water lagoon. What might you be able to infer about its feeding habits and food?
10. What type of evidence would have helped you put the bones together easier?
11. What observations did you make about the different bones that helped you arrange them?